

► Code Number

3324214

► Description

Solar-powered, sensor-activated, electronic, chrome plated die cast body, integrated base hand washing faucet for pre-tempered or hot and cold water operation.

► Flow Rate

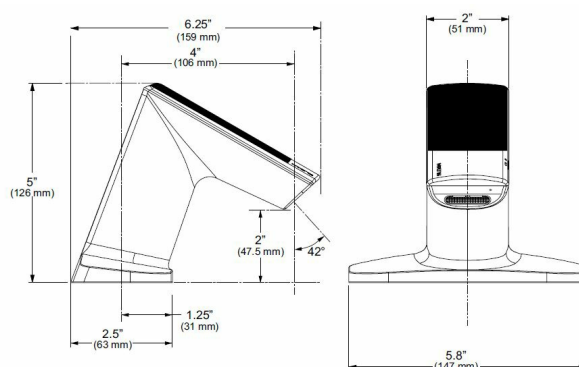
0.5 gpm Multi-Lam

► Specifications

- One tool service
- All wetted components to be stainless steel, engineered thermoplastic, EPDM, and copper or copper alloy
- Solenoid housed in removable carrier that includes supply strainer
- Supply strainer serviceable from above deck
- Vandal resistant spray insert, key housed inside faucet body
- All electronics sealed to IP-67
- Gold plated electrical contacts
- Above deck individual diagnostic indicators for battery life, solenoid condition, and power up mode
- Four (4) "AA" alkaline batteries
- Double infrared sensors with automatic setting feature
- Includes all mounting hardware
- Line purge mode, eliminates stagnant water
- Adjustable time-outs
- High temperature auto shut-off (LCD models)
- Faucet can be configured to add solar and/or LCD display
- Solar power harvesting options
- Integral above deck water supply shut off
- Flexible, high pressure supply hose(s), 3/8" compression connection(s)
- Integral 4-inch base for ultimate anti-rotation
- LCD display of water temperature and scrub time, optional
- Solar-Powered, Sensor-Activated, Electronic, Chrome Plated Die Cast Body, Hand Washing Faucet with the following features:
- Solenoid valve above deck
- Bi-stable Magnetic Solenoid Valve

► Variations

BDT - Below Deck Thermostatic Mixing Valve



► BASYS Spec Language

Sloan BASYS Model No. EFX-675.____.0000 Infrared Sensor Activated Electronic Handwashing Faucet for pre-tempered or hot/cold water supplies. Product to have double infrared sensors with automatic setting feature. Solenoid valve housed in removable carrier that closes water supply upon removal, eliminating need to access control stops. Solenoid carrier included for easy above deck service. Thermostatic mixer ordered separately to comply with ASSE 1070 requirements. The product shall be tested and certified to industry standards: ASME A112.18.1M, CSA B125.1, California Health and Safety Code 116875 (AB1953-2006), and Vermont Bill S.152. This product meets ADA ANSI/ICC A117.1 requirements.

► Compliance & Certifications



This space for Architect/Engineer Approval

► Battery Life

5-years under worst case conditions of 8,000 cycles per month and high water pressure. Optional power harvesting may extend service life of batteries to equal the shelf life.

► Sensor Range

Nominal: 4" - 5" (102 mm - 127 mm)

Faucet Adaptive Self-Adjustment Range: 1"-6" (25 mm-150 mm)

► Time Out Setting

10 seconds — Maximum time faucet will run upon continuous detection

Field adjustable in 1-second increments up or down — Minimum 3 sec.

► Power Supplies

6 VDC Solar Energy Module with 6 VDC Alkaline Battery Pack

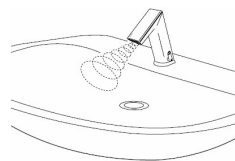
► Control Circuit

6.75 VDC

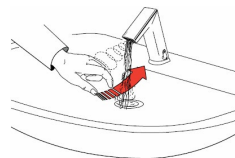
► Solenoid Valve

Filtered Solenoid Valve with Serviceable Strainer Filter

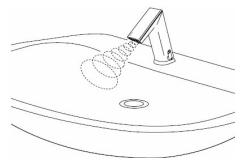
► OPERATION



1. A continuous, invisible light beam is emitted from the sensor located at the front of the hand washing faucet.



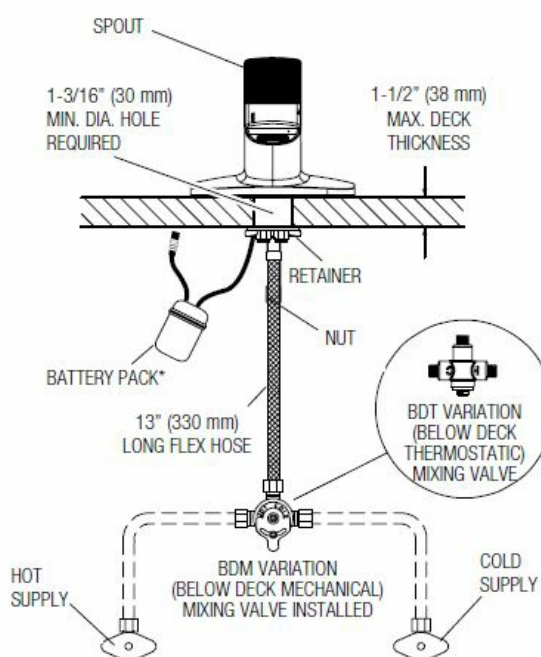
2. As the user's hands enter the beam's effective range, the beam is reflected back into the sensor receiver and activates the solenoid valve allowing water to flow from the faucet. Water will flow until the hands are no longer sensed or until the faucet reaches its automatic time out limit setting.



3. When hands are moved away from the sensor, the loss of reflected light initiates an electrical signal that closes the solenoid valve shutting off the water flow. The circuit then automatically resets and is ready for the next user.

► ROUGH-IN

EFX-675.10X.0000 Faucet with Hot and Cold Water Supply



* One (1) Faucet Per Battery Pack

EFX-675.00X.0000 Faucet with Single Line Water Supply

